



Your Personal Exams Guide



NDA



CDS



SSC CGL



CBSE UGC NET



IAS



SSC CHSL



CTET



MPSC



AFCAT



CSIR UDC NET



IBPS PO



UP POLICE



SSC MTS



SBI PO



BPSC



UP TET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

RRB Group D 2018 Previous Year Paper (25-Sep-2018) (Shift 3)

Total Time: 1 Hour : 30 Minute

Total Marks: 100

Instructions

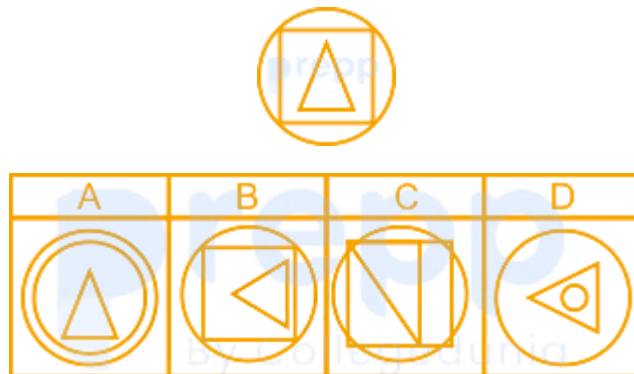
Sl No.	Section Name	No. of Question	Maximum Marks	Negative Marks	Positive Marks
1	CBT	100	100	0.33	1

- 1.) A total of 90 minutes is allotted for the examination.
- 2.) The server will set your clock for you. In the top right corner of your screen, a countdown timer will display the remaining time for you to complete the exam. Once the timer reaches zero, the examination will end automatically. The paper need not be submitted when your timer reaches zero.
- 3.) There will, however, be sectional timing for this exam. You will have to complete each section within the specified time limit. Before moving on to the next section, you must complete the current one within the time limits.

Your Personal Exams Guide

CBT

1. Which one of the following options is the most closely related to the given figure? (+1, -0.33)



- a. D
b. A
c. B
d. C
-
2. $[60 \div \{3^3 \times 2 - (29 - \overline{26 - 31})\}]$ (+1, -0.33)

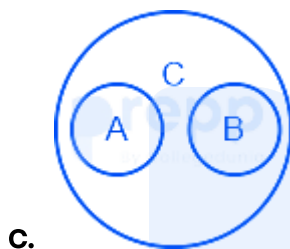
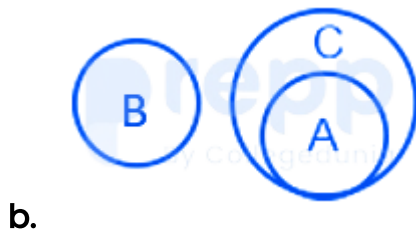
- a. 6
b. 10
c. 5
d. 3
-

3. Which Venn diagram correctly depicts the relationship between the following? (+1, -0.33)

(A) Computer

(B) Table

(C) Electronic



4. 216 cards are distributed among A and B. First of all, the cards are distributed among A and B in the ratio 5:4 respectively. After some time, the cards are again collected and distributed among A and B in the ratio of 11:13 respectively. How many cards did A get the second time as compared to the first? (+1, -0.33)
- a. 3 less
 - b. 3 more
 - c. 21 more
 - d. 21 less

5. If the density of water is 10^3 kg/m^3 and the density of copper is $8.9 \times 10^3 \text{ kg/m}^3$, then the relative density of copper will be: (+1, -0.33)

- a. 89
- b. 0.89
- c. 890
- d. 8.9

6. Which book is written by former RBI governor Raghuram Rajan? (+1, -0.33)

- a. The Emergency-Indian Democracy's Darkest Hour
- b. I Do What I Do
- c. The Ministry of Utmost Happiness
- d. The Unseen Indira Gandhi

7. When an acid reacts with a metal oxide, _____ and _____ are obtained as products. (+1, -0.33)

- a. Salt, Water
 - b. Acid, Water
 - c. Base, Water
 - d. Base, Acid
-

8. The L.C.M. of two numbers is 2604 and H.C.F. is 12. If one of the numbers is 84, what will be the other number? (+1, -0.33)

- a. 327
- b. 273
- c. 372
- d. 237

9. Isobars have the same number of _____. (+1, -0.33)

- a. Ion
- b. Nucleons
- c. Electron
- d. Proton

10. Read the given statement(s) and conclusions carefully and choose which of the conclusions beyond reasonable doubt logically follows from the information in the statement. (+1, -0.33)

Statements:

Some cotton are cloth. Some woolen clothes are cotton

Conclusion

- 1. Some cotton are leaves
- 2. Wool is a fabric

a. Both the conclusions are true in according to the statements

- b. Only conclusion 2 is true according to the statement
 - c. Only conclusion 1 is true according to the statement
 - d. Neither 1 nor 2 is true according to the statement
-

11. There is a creator and a destroyer in a computer game. Their total number is 16. Some try to build a wall around the palace and others try to destroy it. Each builder alone can build a wall in 18 hours while any destroyer can destroy it in 15 hours. The wall is built in 2.5 hours if all the 16 people are activated before the wall is built. Find the number of destroyers out of these? **(+1, -0.33)**

- a. 4
 - b. 5
 - c. 3
 - d. 6
-

12. Which of the following has only magnitude and no direction? **(+1, -0.33)**

- a. Momentum
 - b. Displacement
 - c. Work
 - d. Force
-

13. Testosterone which is a male sex hormone is synthesized in _____. **(+1, -0.33)**

- a. Scrotum

- b. Testicle**
 - c. Seminal Vesicle**
 - d. Prostate Gland**
-

14. _____ started the system of Mansabdari to strengthen the army. (+1, -0.33)

- a. Babur**
 - b. Aurangzeb**
 - c. Akbar**
 - d. Jahangir**
-

15. _____ in plants helps in the absorption and uptake activity, from roots to leaves, in the transmission of water and minerals. (+1, -0.33)

- a. Consideration**
 - b. Photosynthesis**
 - c. Respiration**
 - d. Transpiration**
-

16. $(-8)[30 \div \{7 - (-3)\}] = ?$ (+1, -0.33)

- a. -24**
- b. 60**
- c. 24**

d. -60

e. Question Not Attempted

17. The nature of _____ is electro-positive. (+1, -0.33)

a. Non-metals

b. Metals

c. Semi-metals

d. Metalloid

18. Kaveri bought a toy for Rs. 280 and sold it for Rs. 315. How much profit did she get? (+1, -0.33)

a. 17.5%

b. 12.5%

c. 16%

d. 15.25%

19. A train with a speed of 78 km/hr crosses a platform 450 m long in 27 sec. (+1, -0.33)
What is the length of the train?

a. 120 m

b. 135 m

c. 130 m

d. 125 m

20. The L.C.M. of 42, 84 and 48 is. (+1, -0.33)

- a. 210
 - b. 336
 - c. 168
 - d. 420
-

21. Which of the following is a unicellular green algae? (+1, -0.33)

- a. Chara
 - b. Ulothrix
 - c. Spirogyra
 - d. Chlamydomonas
-

22. If $522 \div 29 = 18$, then $5.22 \div 0.0018 = ?$ (+1, -0.33)

- a. 0.29
 - b. 2900
 - c. 2.9
 - d. 290
-

23. Which of the following is present in carpel? (+1, -0.33)

- a. Pollen grain
 - b. Ovule
 - c. Petals
 - d. Sepals
-

24. Objects that do not produce light themselves are called? (+1, -0.33)

- a. Transparent objects
 - b. Translucent objects
 - c. Non-illuminated objects
 - d. Illuminated objects
-

25. Which of the following will be the sides of a right angled triangle? (+1, -0.33)

- a. 84 cm, 13 cm, 85 cm
 - b. 84 cm, 63 cm, 115 cm
 - c. 15 cm, 112 cm, 111 cm
 - d. 76 cm, 100 cm, 57 cm
-

26. Which is the largest producer of manganese in India? (+1, -0.33)

- a. Madhya Pradesh
- b. Odisha

- c. Maharashtra
 - d. Karnataka
-

27. _____ tissue is formed by the combination of dead cells. (+1, -0.33)

- a. Sclerenchyma
 - b. Aerenchyma
 - c. Collenchyma
 - d. Parenchyma
-

28. A question and two statements are given. Decide which of the statement(s) is/are sufficient to answer the question. (+1, -0.33)

Question:

Nitara has 20 colored pencils of four different colours. How many black pencils does she have?

Statements:

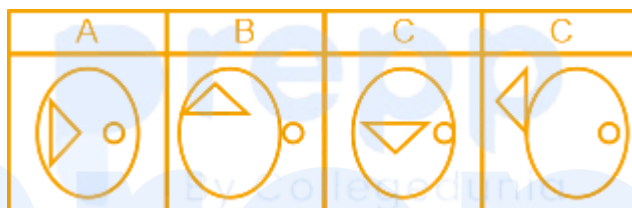
- 1. It has 5 red colored pencils.
 - 2. She has 4 blue colored pencils.
 - 3. The number of green pencils is twice that of blue pencils.
- a. Only statement 1 is sufficient.
 - b. Only statement 3 is sufficient.
 - c. Statements 1, 2 and 3 all together are sufficient.
 - d. Statements 1 and 2 together are not sufficient.

29. Select the alternative figure that will complete the series of question pictures? (+1, -0.33)

Question Figure:



Option Figure :



- a. A
- b. B
- c. C
- d. D

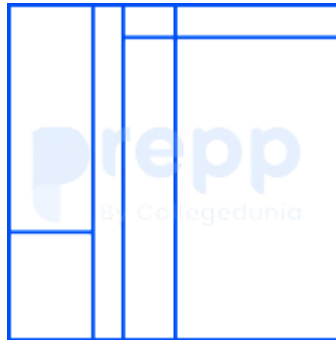
30. Select the term which is related to the third term in the same way as the second term is related to the first term. (+1, -0.33)

Needle : Stitch :: Knife : ?

- a. Blade
- b. Butter
- c. Cut
- d. Sharp

31. How many rectangles are there in the following picture?

(+1, -0.33)



a. 10

b. 20

c. 18

d. 15

32. Which of the following words does not belong to the group?

(+1, -0.33)

A. Jam

B. Juice

C. Squash

D. Lemon

a. B

b. D

c. A

d. C

33. An object covers a distance of 22 m in 4 s and then another 15 m in 2 s. (+1, -0.33)
What is the average speed of the object?

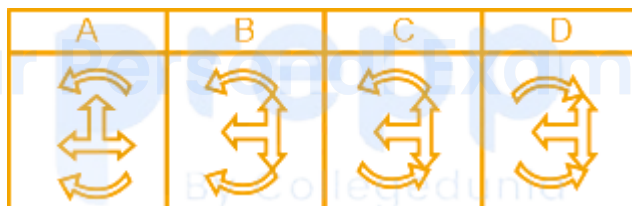
- a. 6.67 ms^1
- b. 6.17 s^{-1}
- c. 6.17 m
- d. 6.17 ms^{-1}

34. Select the option figure that will complete the series of question figures. (+1, -0.33)

Question Figure:



Option Figure:



- a. D
- b. A
- c. B
- d. C

35. The question given below is followed by two arguments. You have to decide which of the arguments are strong with respect to the statement. **(+1, -0.33)**

Question:

Should there be any check on consumerism in society?

Argument:

I. Yes, as it promotes the acquisition of at most goods, it affects the ecological balance by generating more waste. People have got into the habit of throwing using objects. We must strike a balance.

II. No, it promotes industrial development and welfare responsible for the economic conditions of a country.

- a. Only Argument II is strong
- b. Neither argument I nor argument II is strong
- c. Only Argument I is strong
- d. Arguments I and II both are strong

Your Personal Exams Guide

36. On an average Meenakshi spends 10% of her monthly salary on shopping and going to restaurants and malls. The remaining 80% is spent on his household expenses and 10% is saved. If the monthly household expenditure is Rs. 48,000, then what is the monthly income? **(+1, -0.33)**

- a. Rs. 60,000
- b. Rs. 80,000
- c. Rs. 1,20,000
- d. Rs. 54,000

- a. D
 - b. A
 - c. C
 - d. B
-

40. The number of diagonals in a 19 - gon is: (+1, -0.33)

- a. 161
 - b. 133
 - c. 171
 - d. 152
-

41. Who is the first wicket-keeper in the world to do 100 stumpings in One Day International cricket matches? (+1, -0.33)

- a. Kumar Sangakkara
 - b. Shahid Afridi
 - c. Adam Gilchrist
 - d. M.S. Dhoni
-

42. Aarti and Bharti take 30 days and 42 days respectively to complete a work individually. Aarti starts working alone and then a few days later Bharti joins her. In all, they take 20 days to complete the work. After how many days did Bharti join the work? (+1, -0.33)

- a. 4
 - b. 7
 - c. 5
 - d. 6
-

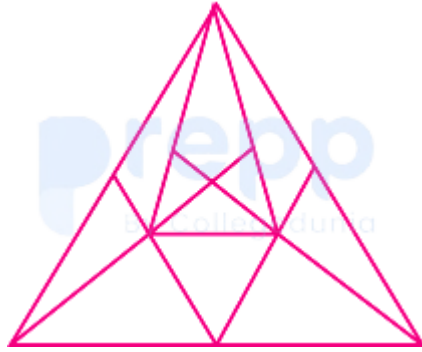
43. Metal reacts with steam of _____ to form oxide. (+1, -0.33)

- a. Potassium
 - b. Sodium
 - c. Calcium
 - d. Iron
-

44. Loo is a type of _____. (+1, -0.33)

- a. Cyclone
 - b. Cold wave
 - c. Heat wave
 - d. Tsunami
-

45. How many triangles are there in the following figure? (+1, -0.33)



- a. 16
- b. 23
- c. 10
- d. 20

46. What is "Hausla 2017", which was celebrated from 16 November to 20 November 2017? (+1, -0.33)

- a. Celebration of the rights of senior citizens
- b. Celebration of women's rights
- c. Celebration of transgender rights
- d. Celebration of children's rights

47. Find the difference between simple interest and compound interest on Rs. 2000 for 2 years at 10% per annum? (+1, -0.33)

- a. Rs. 0
- b. Rs. 30
- c. Rs. 20

d. Rs. 10

48. Sanchi Stupa has been designed on the page side of which of the following Indian bank notes? (+1, -0.33)

a. Rs. 200

b. Rs. 50

c. Rs. 500

d. Rs. 2,000

49. If WAIT is coded as 231920 then what will be the code for RUN? (+1, -0.33)

a. 182014

b. 192114

c. 182115

d. 182114

50. Who was honored with the 2018 Padma Shri award in the field of 'Art-Folk Music' from Uttar Pradesh? (+1, -0.33)

a. Bhikhudan Gadhvi

b. Chitra Singh

c. Mohan Swaroop Bhatia

d. Shubha Mudgal

51. Which of the following elements has three valence electrons? (+1, -0.33)

- a. Al
- b. Ag
- c. Au
- d. Ca

52. From the top of a 46 m high tower, the angles of depression of the top and bottom of a building are observed to be 45° and 60° respectively. Find the height of the building. (+1, -0.33)

- a. 23 m
- b. 19.45m
- c. 46 m
- d. $23\sqrt{3}$ m

53. If RATE is coded as 181205, then what will be the code for KEY? (+1, -0.33)

- a. 11523
- b. 11814
- c. 11924
- d. 11525

54. Example of motion of a freely falling object is: (+1, -0.33)

- a. rectilinear motion
 - b. Non Uniform acceleration
 - c. Uniform acceleration
 - d. Circular motion
-

55. The Mughal ruler Akbar was born in _____. (+1, -0.33)

- a. Amarkot
 - b. Fatehpur Sikri
 - c. Sialkot
 - d. Agra
-

56. Read the given statements and conclusions carefully and choose which of the conclusions logically follows from the statements. (+1, -0.33)

Statement:

"My dog loves food," Anita tells her friend.

Conclusion:

- I. Anita has a dog.
 - II. Her dog doesn't like anything but food.
- a. Only conclusion II follows.
 - b. Neither I nor II follow.
 - c. Both conclusions follow.

d. Only conclusion I follows.

57. Consider the given statement and decide which of the given concepts are implicit in the statement. (+1, -0.33)

Statement: "Try to steal this phone from our store" – a display unit on the notice board of the stores

Assumption:

I. People want to own a mobile phone

II. A powerful surveillance system has been put in place in this store to challenge theft.

- a. Either I or II is implicit.
 - b. Only II is implicit.
 - c. Only I is implicit.
 - d. Both I and II are implicit.
-

58. The liquid used to conduct current is called (+1, -0.33)

- a. suspension
 - b. non-electrolyte
 - c. emulsion
 - d. electrolyte
-

59. Who among the following was sworn in as the 45th Chief Justice of India in August 2017? (+1, -0.33)

- a. Justice Chelameswar
- b. Jagdish Singh Khehar
- c. Ranjan Gogoi
- d. Deepak Mishra

60. Eight years ago Ashwin's age was 1 year less than 3 times Arpit's age. Six years ago Ashwin's age was 1 year more than 2 times Arpit's age. What will be Arpit's age after 7 years? (+1, -0.33)

- a. 19 years
- b. 15 years
- c. 16 years
- d. 12 years

61. Who among the following Chief Ministers of India was presented the 'Transformative Chief Minister Award' by the US-India Business Council (USIBC) in May 2017? (+1, -0.33)

- a. Yogi Adityanath
- b. Nitish Kumar
- c. N. Chandrababu Naidu
- d. K. Chandrashekhara Rao

62. What should be added to $5\frac{3}{5}$ to get the value $8\frac{3}{7}$? (+1, -0.33)

a. $\frac{99}{35}$

b. $\frac{96}{35}$

c. $\frac{99}{33}$

d. $\frac{94}{35}$

63. February 2, 2019 will be Saturday. Then which day will be on October 4, 2019? (+1, -0.33)

a. Thursday

b. Friday

c. Saturday

d. Sunday

64. Complete the following sequence by choosing the correct option. (+1, -0.33)

91827364, 81726354, 71625344 -----

a. 61524334

b. 5234165

c. 61524336

d. 5234166

65. Who is the owner of Mumbai's IPL team 'Mumbai Indians'? (+1, -0.33)

a. Shahrukh Khan

- b. times of India
- c. Reliance Industries
- d. Amitabh Bachchan

66. What is the full form of CII? (+1, -0.33)

- a. Confederation of Indigenous Industry
- b. Conciliation in Indian Industry
- c. Confederation of Indian Industry
- d. Committee for Indian Industry

67. What will be the lateral mirror image of &^*\$? (+1, -0.33)

A	B	C	D
&^*\$	\$*^&	&*^\$	\$*v&

- a. B
- b. D
- c. A
- d. C

68. Find the next term in the series given below. (+1, -0.33)

2J, 9M, 16P, _ _ _ _

- a. 23 R
 - b. 20 R
 - c. 22 R
 - d. 23 S
-

69. Which film won the National Award for Best Film on Social Issues at the 64th National Film Awards, 2017? (+1, -0.33)

- a. Sultan
 - b. Dangal
 - c. Pink
 - d. Airlift
-

70. Who jointly inaugurated the Global Entrepreneurship Summit (GES - 2017) in Hyderabad along with Prime Minister Narendra Modi? (+1, -0.33)

- a. Melanie Trump
 - b. Ivanka Trump
 - c. Donald Trump
 - d. Ivana Trump
-

71. Name the actor who played the character of Bhallaladeva in the film series 'Bahubali'? (+1, -0.33)

- a. M. Nassar

- b. Rana Daggubati
- c. Prabhas
- d. Abhishek Bacchan

72. Lime reacts with chlorine to form what?

(+1, -0.33)

- a. Baking soda
- b. Plaster of Paris
- c. Baking powder
- d. Bleaching powder

73. Read the given statements and conclusions carefully and choose which of the conclusions logically follows from the statement.

(+1, -0.33)

Statements:

Diabetics can eat fruits.

Conclusion:

- I. Sugar in its natural form is harmful.
 - II. Consumption of fruits makes the sugar available in sufficient quantity for the normal metabolism of the body.
- a. Both conclusions follow.
 - b. Only conclusion II follows.
 - c. Only conclusion I follows.

d. Neither I nor II follows.

74. Read the question and two statements given below.

(+1, -0.33)

Question:

Neeta has 6 pens of two different colours. Can we tell how many black pens he has?

Statements:

1. There are 4 red pens
2. He bought those pens yesterday.

Which statement is sufficient to answer the given question?

- a. Statements 1 and 2 both are not sufficient.
 - b. Statement 2 alone is sufficient.
 - c. Statements 1 and 2 both are sufficient.
 - d. Statement 1 alone is sufficient.
-

75. Strong is related to weak as languorous is to _____.

(+1, -0.33)

- a. run
 - b. swim
 - c. jump
 - d. sink
-

76. Which of the following factors reduces the rate of evaporation? (+1, -0.33)

- a. rise in temperature
- b. moisture
- c. increase in surface area
- d. increase in wind speed

77. After 11 innings, the average score per innings of a batsman is 52. After 13 innings, the average increased to 54. If the batsman scored 16 more runs in the 13th innings than the previous innings, then how many runs did he score in the 12th innings? (+1, -0.33)

- a. 54
- b. 57
- c. 56
- d. 55

78. $(2.5)^2 + 8.7 - \left(\frac{1.12}{1.4}\right) \times 0.5 = ?$ (+1, -0.33)

- a. 14.55
- b. 10.95
- c. 14.91
- d. 14.32

79. What is the time taken by an oscillator to complete one oscillation called? (+1, -0.33)

- a. amplitude
- b. period
- c. distance
- d. frequency

80. A computer company sells two brands of computers on the same day and makes a total profit of Rs.15,000. If the profit from one brand is 35% of the total profit, then what is the profit amount made by selling the computer of the other brand? (+1, -0.33)

- a. Rs. 8,750
- b. Rs. 8,000
- c. Rs. 9,750
- d. Rs. 9,000

81. 19 years from now Vinod's age will be twice that of Anand. Seven years ago Anand's age was one fourth of Vinod's age then. What is Vinod's present age? (+1, -0.33)

- a. 53 years
- b. 57 years
- c. 55 years

d. 59 years

82. Name the Indian female weightlifter who won the gold medal in the Asian Youth and Junior Weightlifting Competition held in Nepal on July 25, 2017. (+1, -0.33)

- a. Kavita Deva
 - b. Konsam Ormila Devi
 - c. Karnam Malleswari
 - d. Reema Joseph
-

83. If an object moves a distance of 1 m in a specified direction by applying a force of 1 N, then the work done will be: (+1, -0.33)

- a. 1 N
 - b. 1 J
 - c. 1 kW
 - d. 1 ohm
-

84. Which of the following inert gas has only two electrons in its outermost shell? (+1, -0.33)

- a. helium
- b. argon
- c. neon
- d. krypton

85. Fullerene is an allotrope of _____.

(+1, -0.33)

- a. Zinc
- b. Sulphur
- c. Gold
- d. Carbon

86. When a sum is invested for 5 years, the amount will be Rs. 3,640. If the rate of simple interest is increased by 2% per annum from earlier then this amount will be Rs. 3,920 turns out to be. What is the principal amount invested?

(+1, -0.33)

- a. Rs. 2,560
- b. Rs. 2,690
- c. Rs. 2,750
- d. Rs. 2,800

87. Considering the following statement, decide which of the given assumptions are implicit in which statement?

(+1, -0.33)

Statements:

Swimming improves overall physical health.

Assumption:

- I. Secretion of good hormones is essential for good health.
- II. Water provides relief to the muscles.

- a. Both I and II are implicit
 - b. Only I is implicit
 - c. Neither I nor II is implicit
 - d. Only II is implicit
-

88. The SI unit of pressure is-

(+1, -0.33)

- a. pascal
 - b. Kgms⁻¹
 - c. dyne
 - d. newton
-

89. What is the main occupation of the merchants known as Shroffs, Seths, Sahukars, Mahajans and Chheti since ancient times?

(+1, -0.33)

- a. Construction
 - b. Teaching
 - c. Banking
 - d. Treatment
-

90. A man walking towards East takes a 270 clockwise turn and starts walking. In which direction is he walking now?

(+1, -0.33)

- a. West
- b. North

- c. East
 - d. South
-

91. An object covers a distance of 23 m in 4 s and then another 15 m in 2 s. (+1, -0.33)
What is the average speed of the object?

- a. 6.34s^{-1}
 - b. 6.34 m
 - c. 6.33 ms^{-1}
 - d. 6.67 ms^{-1}
-

92. The area of a rhombus is 216 m^2 and the length of one of its diagonals is 24 m. The length of each side of the rhombus will be: (+1, -0.33)

- a. 12 m
 - b. 18 m
 - c. 15 m
 - d. 30 m
-

93. On adding zinc to copper sulphate solution: (+1, -0.33)

- a. water is formed
- b. zinc sulphate is formed
- c. zinc oxide is formed

d. no reaction takes place

94. Two gas filling tubes A and B can fill a gas cylinder in 15 minutes and 40 minutes respectively. Both the tubes are opened simultaneously but after 4 minutes, tube A is closed. How much time will it take to fill the cylinder? (+1, -0.33)

a. 14 minutes 40 seconds

b. 10 minutes 10 seconds

c. 20 minutes 10 seconds

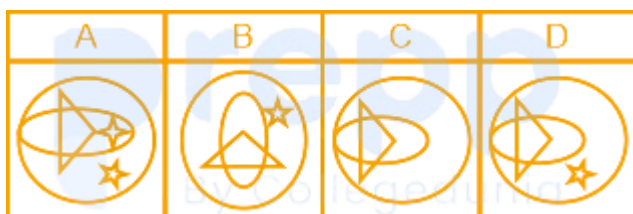
d. 29 minutes 20 seconds

95. Select the option figure that will complete the series of question figures. (+1, -0.33)

Question figure



Option figure



a. A

b. C

c. B

d. D

96. Nayan walks 1 km towards East. At a crossroads he took a right turn and walked 500 meters to reach the hospital. In which direction is the hospital from Nayan's initial position? (+1, -0.33)

- a. north-east
 - b. north-west
 - c. south-east
 - d. south-west
-

97. What will be the next term in the following series? (+1, -0.33)

N14M13, O15L12, P16K11, -----

- a. Q17J10
 - b. J10Q17
 - c. Q18J10
 - d. Q17J13
-

98. Navodaya Vidyalaya Samiti and Kendriya Vidyalaya Sangathan are autonomous bodies under which central ministry? (+1, -0.33)

- a. Ministry of home affairs
- b. Ministry of Defence
- c. Finance Ministry

d. Ministry of Human Resource Development

99. On 4 September 2016, _____ was canonized as a saint by Pope Francis at a grand ceremony at the Vatican. **(+1, -0.33)**

a. Mother Teresa

b. Sister Florence

c. St. Mary's

d. Sister Nirmala

100. What will be the next number in the following series? **(+1, -0.33)**

30, 43, 56, 69, _____

a. 80

b. 78

c. 82

d. 81